PATENTS
Attorney Docket No. XOM-CON1

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Examiner : Not yet assigned

Group Art Unit : Not yet assigned

Applicants : Hans Thomann et al.

Application No. : Not yet assigned Confirmation No.: Not yet assigned

Filed : Concurrently herewith

For : METHOD FOR BOREHOLE MEASUREMENT OF

FORMATION PROPERTIES

New York, New York September 18, 2003

Mail Stop PATENT APPLICATION Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

LETTER CONCERNING ASSIGNMENT, PHOTOCOPY OF DECLARATION, AND SUBSTITUTE DECLARATION

Sir:

The instant patent application is a continuation of prior U.S. Application No. 09/973,529, filed October 9, 2001, and is being filed along with a photocopy of the Declaration and Power Of Attorney For Patent Application originally filed in U.S. Application No. 09/973,529. Applicants request that the assignment of record for U.S. Application No. 09/973,529 be retained for the instant application. Applicants note, however, that, because of a clerical error, the original Declaration (and thus the photocopy) incorrectly identifies prior U.S. Application No. 09/686,735, the benefit of which applicants claim under Title 35, United States Code, § 120, as a priority application under Title 35, United States

Code, § 119(e). Accordingly, applicants enclose herewith a newly executed substitute

Declaration and Power of Attorney that shows that applicants claim the benefit under Title 35,

United States Code, § 120 of U.S. Application Nos. 09/686,735 and 09/973,529.

The Director is authorized to charge any additional fees that may be due in connection with this Communication to Deposit Account No. 06-1075. A duplicate copy of this Communication is enclosed herewith.

Respectfully submitted,

Eric C. Woglom, Registration No. 25,445 Thomas J. Vetter, Registration No. 30,597 James P. Doyle, Registration No. 41,717 Attorneys for Applicant

Edward M. Arons, Registration No. 44,511 Agent for Applicants

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Phone: 212.596.9000 Fax: 212.596.9090

1

September 18, 2003



Docket No. PM 2000.010

Declaration and Power of Attorney For Patent Application

English Language Declaration

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name,

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled

the specification	of which		
(check one)			
is attached he	ereto.		
was filed on ■	10/09/01	as United States Application No. or	PCT International
Application No	umber 09/973,529		. Of michiational
and was ame	nded on		
		(if applicable)	
I hereby state that including the claim	t I have reviewed and uns, as amended by any	understand the contents of the above iden amendment referred to above.	tified specification,
I acknowledge the known to me to Section 1.56.	e duty to disclose to the be material to patental	e United States Patent and Trademark Of bility as defined in Title 37, Code of Fed	fice all information deral Regulations,
Section 202(b) of	any foreign application	under Title 35, United States Code, Sec n(s) for patent or inventor's certificate, or	ction 119(a)-(d) or
patent or inventor	ional application which w and have also identi	h designated at least one country other fied below, by checking the box, any fore ernational application having a filing date	than the United
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patent or inventor	w and have also identificate or PCT Interest in priority is claimed. ication(s) (Country)	fied below, by checking the box, any fore emational application having a filing date Price (Day/Month/Year Filed)	than the United ign application for before that of the prity Not Claimed

09/686,735	10/10/00	
(Application Serial No.)	(Filing Date)	
(Application Serial No.)	(Filing Date)	
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Office all information known to me lection 1.56 which became available r PCT International filing date of thi	e to be material to patentabili le between the filing date of the is application:	nited States Patent and Trademark ty as defined in Title 37, C. F. R., ne prior application and the national (Status)
Office all information known to me Section 1.56 which became available or PCT International filing date of the (Application Serial No.)	e to be material to patentabili le between the filing date of the sapplication: (Filing Date)	nited States Patent and Trademark ty as defined in Title 37, C. F. R., ne prior application and the national (Status) (patented, pending, abandoned) (Status)

POWER OF ATTORNEY: As a named inventor, I hereby appoint the following attorney(s) and/or agent(s) to prosecute this application and transact all business in the Patent and Trademark Office connected therewith. (list name and registration number)

Keith A. Bell, Reg. No. 30,023

Marcy M. Hoefling, Reg. No. 33,955

Nelson V. Jaramillo, Reg. No. 44,169

Gary P. Katz, Reg. No. 46,099

Stephen P. Koch, Reg. No. 37,660

Gary D. Lawson, Reg. No. 27,696

J. Paul Plummer, Reg. No. 40,775

Charles R. Schweppe, Reg. No. 38,612

Pamela L. Wilson, Reg. No. 32,865

Denise Y. Wolfs, Reg. No. 32,074

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Send Correspondence to: Stephen P. Koch

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P. O. Box 2189

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Stephen P. Koch (713) 431-7994

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Sole or first inventor's signature	Jan-3, 2002	Date
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Citizenship USA		
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Full name of second inventor, if any Charles Fred Pepper		
Second inventor's signature Charles Fred Pypper	Aon. 22, 2002	Date
Residence 3912 Estes Road, Nashville, Tennessee 37215	V	
Citizenship USA		
Post Office Address 3912 Estes Road, Nashville, Tennessee 37215		
	*	

Stuart Ronald Keller Third inventor's signature	xmart	Konald	Teller	Jan. 30, 2	002 Date
					· Date
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Citizenship USA					
Post Office Address 5123 Indigo Street, Houston	. Texas 77096	***************************************			
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ull name of fourth inventor, if any		•			
Fourth inventor's signature					Date
Residence					
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ifth inventor's signature					Date
Residence			· · · · · · · · · · · · · · · · · · ·		
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ost Office Address					
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ExxonMobil Res. & Eng.

Ø 002/007

Docket No. XOM-CON1

DECLARATION AND POWER OF ATTORNEY FOR PATENT APPLICATION

As a below named inventor, I hereby declare that:

My resid	ence, post office address and citizenship are	as stated below next to my	name;	
inventor	that I am the original, first and sole inventor (if plural names are listed below) of the subjection entitled METHOD FOR BORRHOLE MEASUREMENT	ect matter which is claimed	l and for which a	ginal, first and joint patent is sought on
the speci	fication of which			,
(check one)	is attached hereto; was filed on Application No. and was amended on (if applicable)	as		
	eviewed and do understand the contents of by any amendment referred to above;	of the above-identified sp	occification, incl	uding the claims, as
I do not country b	know and do not believe that the invention vectore my or our invention thereof or more the	was ever patented or descr an one year prior to this ap	ibed in any print oplication;	ted publication in any
I do not l than one	know and do not believe that the invention we year prior to this application; and	as in public use or on sale	in the United St	ates of America more
I acknow Code of I	riedge the duty to disclose information known Federal Regulations, § 1.56.	wn by me to be material t	to patentability a	s defined in Title 37,
for pater	claim foreign priority benefits under Title 3 at or inventor's certificate or design registron for patent or inventor's certificate having	ation listed below and ha	ve also identifie	ed below any foreign
Prior For	eign Application(s)			Priority <u>Claimed</u>
(Numbe	r) (Country)	(Day/Month/Year F	iled)	☐ ☐ Yes No
(Number	r) (Country)	(Day/Month/Year F	iled)	Ycs No
(Number	r) (Country)	(Day/Month/Year F	iled)	T [] Yes No
I herehv	claim the benefit under Title 35. United Sta	tes Code & 120 of any Ur	nited States annii	ication(s) listed helov

I hereby claim the benefit under Title 35, United States Code, § 120 of any United States application(s) listed below and, insofar as the subject matter of the claim of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of Title 35, United States Code, § 112, I acknowledge the duty to

disclose information known by me to be material to patentability as defined in Title 37, Code of Federal Regulations, § 1.56, which occurred between the filing date of the prior application and the filing date of this application:

09/686,735	Octob r 10, 2000	<u>Abandoned</u>	
09/686, 735 (Application No.)	(Filing Date)	(Status:Patented/Pending/Abandoned)	
(off-the the the the the the the the the the	(,	
09/973,529	October 9, 2001	Pending	
(Application No.)	(Filing Date)	(Status: Patented/Pending/Abandoned)	_
(Application 140.)	(I lime Date)	(Claids, 1 alentew 1 champ Hoandoned)	
(Application No.)	(Filing Date)	(Status: Patented/Pending/Abandoned)	

As a named inventor, I hereby appoint the following attorneys/agent to prosecute this application and transact all business in the Patent and Trademark Office connected therewith:

Charles E. Smith, Esq., Reg. No. 32,085, Marcy M. Hoefling, Esq., Reg. No. 33,955,
Gary P. Katz, Esq., Reg. No. 46,099, Gary D. Lawson, Esq., Reg. No. 27,696, J. Paul Plummer,
Esq., Reg. No. 40,775, Pamela L. Wilson, Esq., Reg. No. 32,865, Denise Y. Wolfs, Esq., Reg.
No. 32,074, Eric C. Woglom, Esq., Reg. No. 25,445, Margaret A. Pierri, Esq., Reg. No. 30,709,
Jeffrey H. Ingerman, Esq., Reg. 31,069, Thomas J. Vetter, Esq., Reg. No. 30,597,
James P. Doyle, Esq., Reg. No. 41,717 and Edward M. Arong, Reg. No. 44,511

Send Correspondence to:

Eric C. Woglow

Fish & Neave

Customer No. 1473

1251 Avenue of the Americas New York, New York 10020-1105

Direct telephone calls to:

Eric C. Woglom (212) 596-9000

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application or any design patent issuing thereon.

	<i>a</i>		
FIRST INVENTOR Signature			
- Atrus	Money-		
Full Name of Inventor	Date 9/16/03		
Hans Thomann	9//6/03		
Residence	Citizenship		
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26 Gatehouse Road, Bedminster, New Jersey 07921			

SECOND INVENTOR Signature	
Full Name of Inventor	Date
Charles Fred Pepper	
Residence	Citizenship
Nashville, Tennessee	U.S.A
Post Office Address	
3912 Estes Road, Nashville, Tennessee 37215	

Date
Citizenship
U.S.A.

NR.988 S.1/6

Docket No. XOM-CON1

DECLARATION AND POWER OF ATTORNEY FOR PATENT APPLICATION

As a below named inventor, I hereby declare that:

My resid	ence, post office address and citizenship	are as stated below next to my name;	
inventor	that I am the original, first and sole inver (if plural names are listed below) of the sation entitled method for borehole measures	subject matter which is claimed and for w	an original, first and joint which a patent is sought on
the speci	fication of which		
(check one)	Application No.	as	
	(if applicable)		
I have r	eviewed and do understand the content by any amendment referred to above;	ats of the above-identified specification	n, including the claims, as
I do not country l	know and do not believe that the inventi before my or our invention thereof or mor	ion was ever patented or described in an re than one year prior to this application;	y printed publication in any
I do not than one	know and do not believe that the invention year prior to this application; and	on was in public use or on sale in the Un	ited States of America more
I acknov Code of	vledge the duty to disclose information l Federal Regulations, § 1.56.	known by me to be material to patental	bility as defined in Title 37,
for motor	claim foreign priority benefits under Ti nt or inventor's certificate or design reg on for patent or inventor's certificate has	pistration listed below and have also to	dentified below any foreign
Prior Por	reign Application(s)		
* ****	71		Priority Claimed
(Numbe	r) (Country)	(Day/Month/Year Filed)	Yes No
(Numbe	(Country)	(Day/Month/Year Filed)	Yes No
(Numbe	r) (Country)	(Day/Month/Year Filed)	. ∏ ∏ Yes No
Transpe			o caulication(s) listed below

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09/686,735	October 10, 2000	Abandoned
(Application No.)	(Filing Date)	(Status:Patented/Pending/Abandoned)
09/973,529 (Application No.)	October 9, 2001 (Filing Date)	Fending (Status: Patented/Pending/Abandoned)
(* * The same of the same	(12	(would a weather a arrestrict of the transfer of)
(Application No.)	(Filing Date)	(Status: Patented/Pending/Abandoned)
As a named inventor, I hereb business in the Patent and Trac	y appoint the following attornormark Office connected therew	eys/agent to prosecute this application and transact all ith:
	Reg. No. 32,085, Marcy M.	Hoefling, Esq., Reg. No. 33,955,

Charles E. Smith, Esq., Reg. No. 42,085, Marcy M. Hoeffing, Esq., Reg. No. 33,955,
Gary P. Katz, Esq., Reg. No. 46,099, Gary D. Lawson, Esq., Req. No. 27,696, J. Paul Plummer,
Esq., Reg. No. 40,775, Pamela L. Wilson, Esq., Reg. No. 32,865, Denise Y. Wolfs, Esq., Reg.
No. 32,074, Eric C. Woglom, Esq., Reg. No. 25,445, Margaret A. Pierri, Esq., Reg. No. 30,709,
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I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application or any design patent issuing thereon.

FIRST INVENTOR	Signature		
Full Name of Inventor		Date	
Hane Thomann			
Residence		Citizenship	
Bedminster, New Jersey		U.S.A.	
Post Office Address			
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SECOND INVENTOR Signature Charles Fred	L Proper
Full Name of Inventor	
Charles Fred Fepper	Soptember 16, 2003
Residence	Citizenship
Nashville, Tennessee	U.S.A.
Post Office Address	
3912 Estes Road, Nashville, Tennessee 37215	

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NR.988 S.3/6

Docket No. XOM-CON1

THIRD INVENTOR Signature	
Full Name of Inventor Stuart Ronald Keller	Date
Residence Houston, Texas	Citizenship U.S.A.
Post Office Address 5123 Indigo St., Houston, Texas 77096	

DECLARATION AND POWER OF ATTORNEY FOR PATENT APPLICATION

As a below named inventor, I hereby declare that:

My resid	ence, post office address and citizer	nship are as st	ated below next to	my name;		
inventor	that I am the original, first and sole (if plural names are listed below) or tion entitled METHOD FOR BOREHOLE MEAN	f the subject r	natter which is clai	imed and for which	original, fi ch a patent	rst and joint is sought on
the speci	fication of which					
(check one)	is attached hereto; was filed on Application No and was amended on (if applicable)			as _;		
I have ramended	eviewed and do understand the or by any amendment referred to abo	contents of t	he above-identifie	ed specification,	including	he claims, as
I do not country	know and do not believe that the in before my or our invention thereof	nvention was or more than	ever patented or cone year prior to the	described in any pairs application;	printed pub	lication in any
I do not than one	know and do not believe that the in year prior to this application; and	vention was i	n public use or on	sale in the Unite	d States of	America more
I acknow Code of	vledge the duty to disclose information of the first terms of the firs	ation known	by me to be mate	rial to patentabil	ity as defin	ed in Title 37,
for nate	claim foreign priority benefits und it or inventor's certificate or design on for patent or inventor's certificate	en registratio	n listed below an	id have also idei	itified belo	w any foreign
Prior Fo	reign Application(s)				Priorit Claim	
(Numbe	r) (Country)		(Day/Month/Y	ear Filed)] Yes	□ No
(Numbe	(Country)		(Day/Month/Y	ear Filed)	Yeş	[] No
(Numbe	r) (Country)		(Day/Month/Y	ear Filed)	Ţes	No

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Esq., Reg. No. 40,775, Pamela L. Wilson, Esq., Reg. No. 32,865, Denise Y. Wolfs, Esq., Reg.

No. 32,074, Eric C. Woglom, Esq., Reg. No. 25,445, Margaret A. Pierri, Esq., Reg. No. 30,709,

Jeffrey H. Ingerman, Esq., Reg. 31,069, Thomas J. Vetter, Esq., Reg. No. 30,597,

James P. Doyle, Esq., Reg. No. 41,717 and Edward M. Arons, Reg. No. 44,511

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FIRST INVENTOR Signature		
Full Name of Inventor	Date	
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SECOND INVENTOR Signature	
Full Name of Inventor	Date
Charles Fred Pepper Residence	Citizenship
Nashville, Tennessee	U.S.A.
Post Office Address	U.J.R.
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THIRD INVENTOR	Signature	Stuart	Romald	Heller	
Full Name of Inventor Stuart Ronald Keller	•		Data	September 16, 2003	
Residence			Citizensh		
Houston, Texas			U.S.A.		
Post Office Address					
5123 Indigo St., Houston, Texas 77096					
1					